

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-306)**

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DATE June 2005

TO: The Record

FROM: U.S. Army Corps of Engineers
26 Federal Plaza, ATTN: CENAN-OP-ST
New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:
New York and New Jersey Channels, Raritan Bay East and West Reaches

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL New York and New Jersey Channels	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (n. miles)	DEPTH (feet)				
<u>Raritan Bay East Reach</u> From junction with Main Ship Channel to Buoy R "14" BELL	Map 1270 Sheets 3,4,5 and 6 of 6 March/April 2005	600	3.9	35	34.6	38.1	37.4	31.9
<u>Raritan Bay West Reach</u> From Buoy R "14" BELL to Buoy G "27"	Map1270 Sheets 1,2, and 3 of 6 March/April 2005	600	2.4	35	31.7	39.3	39.0	32.3

REMARKS:

- All depths in MLW
- Channel length is in nautical miles.

Raritan Bay East Reach

- Several narrow shoals along the right channel line with maximum width of approx. 50 ft.
- A narrow shoal along the left channel line, at the Main Ship Channel junction, with maximum width of approx. 40 ft.

Raritan Bay West Reach

- A long narrow shoal along the right channel line, from Buoy R "14" BELL to Buoy Red Light #20, with maximum width of approx. 50 ft.
- A long narrow shoal along the left channel line, from a distance approximately 2,400 ft. seaward of Buoy Green Gas #19 to Buoy G "27", with maximum width of approx. 75 ft.